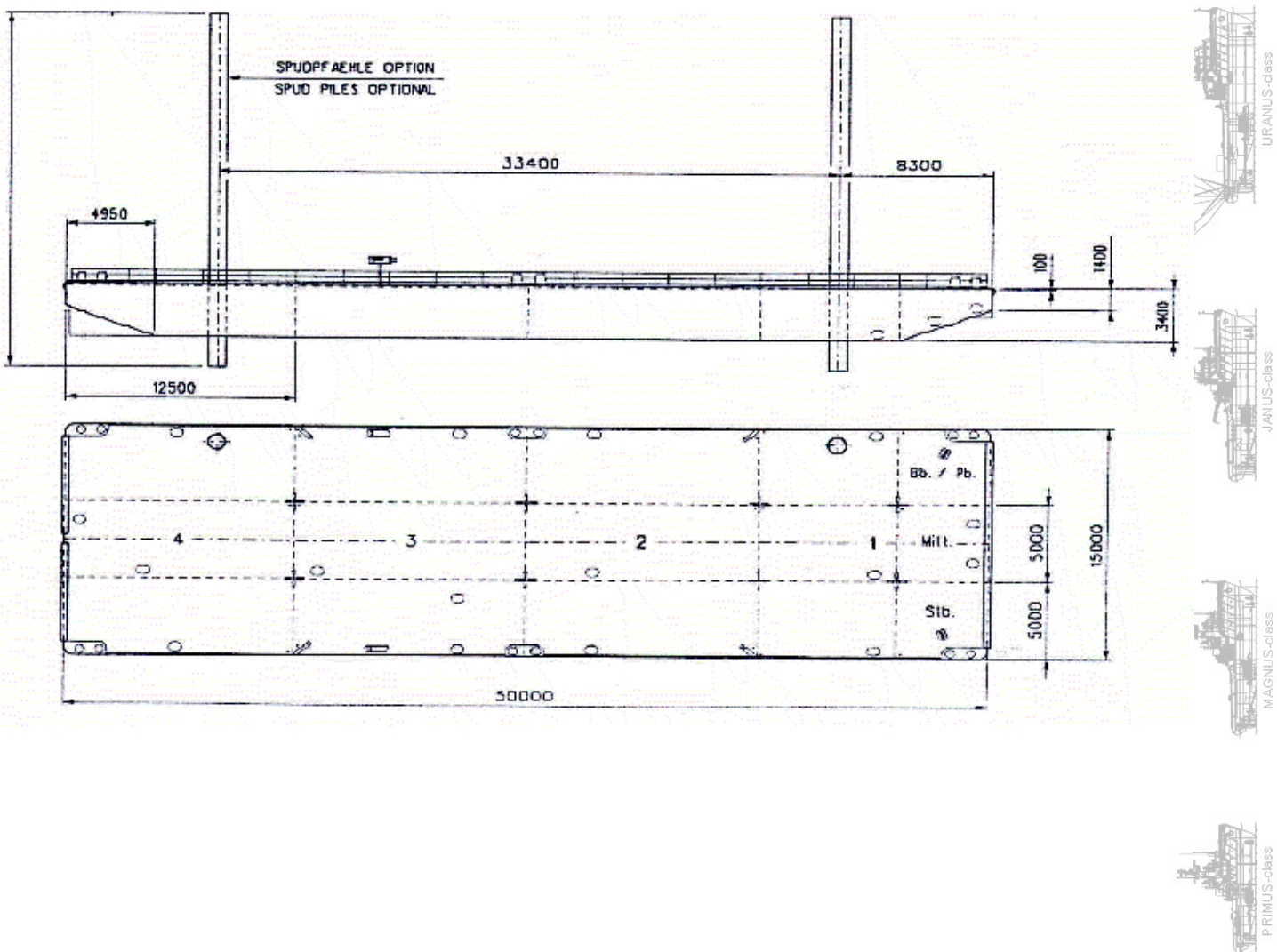




pontoon "BÄR"

L = 50 m x B = 15 m x H = 3,4 m



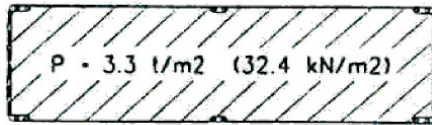


General

Owner	Harms Bergung - Hamburg, Germany	
Built	1976 - Cuxhaven, Germany	
Registered	Hamburg, Germany	
Flag	Germany	
Call sign	DNHB	
Classification	Germanischer Lloyd	
GRT	733	
NRT	220	
Dimensions	Length o.a.:	50,00 m
	Breadth:	15,00 m
	Depth:	3,40 m
	Spuds length	2 pcs each 28 m length, diam. 0,65 m

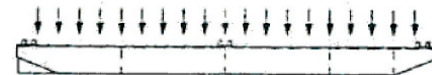
Loading Conditions

Loading Condition 1
Area loading



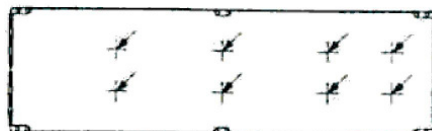
Loading Condition 2
Loading on frame

Q = 42.25 t (405 kN)



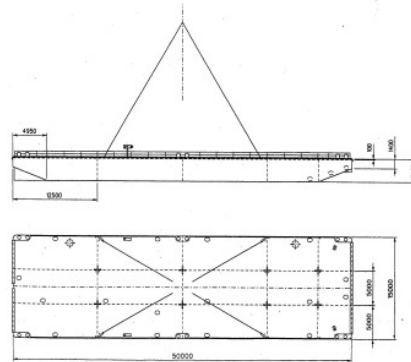
Loading Condition 3
Single loading on crosspoints

Q = 120 t (1177.2 kN)





Test Pontoon "BÄR"



Max Test Weight

Water Ballast 100%	870 t
Dead Weight	330 t
Max. Test Weight	1200 t

Approx for other test weight: 10 cm filling of ONE tank means approx 6 t of weight increase

Single Tanks Fillings

Seawater specific mass 1.025 t per qm

Test weight	Tanks: 1 (Stb, Bb) 4 (Stb, Bb)	Tanks: 2 (Stb, Bb) 3 (Stb, Bb)	Tanks: 1,2,3,4 Midship
[t]	[m]	[m]	[m]
330	empty	empty	empty
400	empty	0,27	empty
450	empty	0,47	empty
500	empty	0,66	empty
540	empty	0,82	empty
600	empty	1,06	empty
650	empty	1,25	empty
700	empty	1,45	empty
750	empty	1,64	empty
800	0,31	1,64	empty
850	0,59	1,64	empty
900	0,85	1,64	empty
950	1,1	1,64	empty
1000	1,33	1,64	empty
1050	1,55	1,64	empty
1100	1,76	1,64	empty
1150	1,8	1,8	empty
1200	1,9	1,9	empty





Dead Weight Scale

Seawater
specific mass: 1.025 t per sqm

Dead weight (t)	Draft (m)	
2.054,70	3,30	___ Deck
1.824,00	3,00	
1.439,60	2,50	
1.312,80	2,335	___ full load condition displ. 1.642,8 t
1.132,20	2,10	
978,80	1,90	
870,00	1,76	
753,90	1,60	
680,40	1,50	
607,70	1,40	
535,80	1,30	
464,60	1,20	
394,20	1,10	
324,60	1,00	
255,70	0,90	
187,60	0,80	
120,20	0,70	
53,60	0,60	
0,00	0,52	___ light condition displ. 330 t

